## INTERNATIONAL SEARCH REPORT

Internation propileation No
PCT/FR2004/002843

			101/1 R2004/002043		
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H05K13/02				
According to	o International Patent Classification (IPC) or to both national classifica	ation and IPC			
B. FIELDS	SEARCHED				
Minimum do IPC 7	ocumentation searched (classification system followed by classification H05K	on symbols)			
Documental	tion searched other than minimum documentation to the extent that so	uch documents are include	ed in the fields searched		
Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, so	earch terms used)		
EPO-In	ternal -				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.		
A	DE 100 40 722 A (SILLNER GEORG RI 28 February 2002 (2002-02-28) claims; figures	JDOLF)	1,9,10		
A	US 4 676 359 A (SWAPP MAVIN C E 30 June 1987 (1987-06-30) column 9; figures	T AL)	1		
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Funt	her documents are listed in the continuation of box C.	X Patent family me	embers are listed in annex.		
Special categories of clied documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search		T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken atone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "8" document member of the same patent family  Date of malling of the international search report			
	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
	European Fatern Cince, F.b. 5616 Faternaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Rieutor	t, A		

## INTERNATIONAL SEARCH REPORT Information on patent family members

Internationa Application No PCT/FR2004/002843

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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